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Cablefree Gigabit - Product Overview

System Features

- Full-duplex bandwidth from 1.5Mbps up to 1.5Gbps
- Range variants support links up to 1,000m
- Fully upgradeable via plug-in interface modules
- Rugged environmental IP65 waterproof enclosure
- Fibre interfaces with SC multi- or singlemode options
- Automatic Transmit Power Control (ATPC)



Applications

- Gigabit Ethernet LAN-LAN segments
- Last-mile network connections
- Storage Area Networks
- HDTV Outside Broadcast Links

Accessories

- Mounting Brackets Wall, Roof, Pole, Tower or Tripod mount options available
- Indoor unit Indoor network termination and SNMP V2 management interface
- Alignment kit Display of Local & Remote signal levels
- Management Suite Full range of solutions including LinkManager™, AlarmView™, ClusterManager™, GSM modem

System Specifications

- Environmental IP65 weather-sealed unit
- Power supply options for 115V ac, 230V ac, 48V dc
- Alignment Mechanical sight, 10-stage RSSI meter, FM audio circuit & tones, handheld test set.

System Variant	G200	G500	G1000	G1500
Performance				
Range	200m	500m	1,000m	1,500m
Bandwidth	1.5Gbps	1.5Gbps	1.5Gbps	1.5Gbps
Power Consumption	40W	40W	45W	45W
Operating Temperature	-20...+60 deg C	-20...+60 deg C	-20...+60 deg C	-20...+60 deg C
Optical				
Wavelength	780nm	780nm	780nm	780nm
Transmit Power	+14.8dBm	+14.8dBm	+19.0dBm	+19.0dBm
Beamwidth	8mRad	5mRad	8mRad	5mRad
Safety Classification	Class 1M (IEC)	Class 1M (IEC)	Class 1M (IEC)	Class 1M (IEC)
Receiver Type	APD	APD	APD	APD
Mechanical				
Dimensions (mm)	478x233x139	478x233x139	531x391x211	531x391x211
Weight	4.2kg	4.2kg	9.0kg	9.0kg